

In the Claims

1. (Currently Amended) A method for uniformly electronically displaying a test item to a respondent on a first display device and a second display device at a first workstation, the method comprising the steps of:

storing test content in a memory system, the test content including at least a question portion and a response portion;

capturing at least a portion of the test content in a test item image, the test item image including at least the question portion and the response portion;

overlaying a response control over the test item image, the test item image and response control together defining a test item; and

presenting the test item to the respondent in a first window on the first display device, the first display device having a first resolution, the first window including a number of pixels in a first and a second direction at the first workstation for electronically generating a response from the test item, wherein additional pixels may be viewed by scrolling subject matter through the window;

presenting the test item to the respondent in a second window on a second display device, the second display device having a second resolution different from the first resolution, the second window including substantially the same number of pixels in a first direction as the first window and including substantially the same number of pixels in a second direction as the first window;

wherein substantially the same amount of scrolling is required to view the question portion in the window on the first display device and on the second display device despite the different resolutions of the first and second display devices.

2. (Original) The method of claim 1 further comprising the step of receiving through the first workstation a response electronically generated by the respondent.

3. (Original) The method of claim 1 wherein the step of storing the test content further comprises positioning in at least one file the question portion, the response portion and an illustration portion.

4. (Original) The method of claim 1 wherein the step of capturing comprises printing and then electronically scanning the test content.
5. (Original) The method of claim 1 wherein the step of capturing comprises electronically capturing the test item image from an electronic file containing the test content.
6. (Original) The method of claim 1 wherein the storing step includes storing test content that includes a text portion and an illustration portion.
7. (Original) The method of claim 1 further comprising overlaying a navigation control that is presented to the respondent for enabling the respondent to navigate forward or backward to other test items.
8. (Original) The method of claim 1 wherein the response control comprises at least one device for selecting one of a plurality of response options.
9. (Original) The method of claim 1 wherein the response control is selected from a group consisting of a radio box, a check box, a text box, an electronic drawing box, a drop and drag overlay, and a hot spot overlay.
10. (Original) The method of claim 1 wherein a plurality of question portions and response portions are captured in a single test item image.
11. (Previously Presented) A method for electronically displaying a test item to a respondent in a consistent manner on a first workstation display having a first display resolution and at least one other workstation display having a display resolution different than the first display resolution, the method comprising the steps of:

displaying a question portion in an image format in a window, wherein the window includes a defined number of pixels in each direction, and wherein additional pixels may be viewed by scrolling subject matter through the window, and wherein the same amount of scrolling is required to view the question portion in the window on the first workstation display device and the other workstation display device, despite the different display resolutions; and

displaying a response control overlaid on the question portion.

12. (Currently Amended) A method for electronically displaying a test item to a respondent in a consistent manner on a first workstation display configuration and at least one other display configuration different than the configuration of the first workstation display, the method comprising the steps of:

displaying a first test item on a first display having a first resolution, the first item being displayed in a window having vertical and horizontal parameters defined in pixels, the first test item comprising an image of test content and an overlaid response control; and

displaying the first test item on a second display having a second resolution larger than the first resolution, the first item being displayed in a window having vertical and horizontal parameters that are substantially the same as the parameters used to display the item on the first device, wherein substantially the same amount of scrolling is needed ~~number of pixels is used~~ to display the first test item on the first display and on the second display.

13. (Original) The method of claim 12 wherein the first test item appears the same size on the first display and the second display.

14. (Currently Amended) A method for electronically displaying a test item to a respondent at a workstation in a consistent manner for a plurality of different workstation configurations, the method comprising the steps of:

providing an image including at least one question portion and one response portion;

overlaying a response control over the image to form a test item;
displaying the test item to a first respondent on a first workstation having
a first display with a first resolution; and
displaying the test item to a second respondent on a second workstation
having a second display with a second resolution, the first resolution being higher than
the second resolution, wherein the same amount of scrolling is required to view the test
item on the first display and the second display.

15. (Original) The method of claim 14 wherein the first display and the
second display each define a viewing area and the viewing areas are approximately equal.

16. (Original) The method of claim 14 wherein the test items appear the
same size on the first display and the second display.

17. (Original) The method of claim 14 wherein the response control
comprises at least one device for selecting one of a plurality of response options.

18. (Original) The method of claim 14 wherein the response control is
selected from a group consisting of a radio box, a check box, a text box, an electronic drawing
box, a drop and drag overlay, and a hot spot overlay.

19. (Original) The method of claim 14 further comprising overlaying a
navigation control which is presented to the respondent to enable the respondent to navigate
forward or backward to other test items.

20. (Original) The method of claim 14 further comprising overlaying a
graphic tool that is positionable over portions of the test item.

21. (Original) The method of claim 20 wherein the graphic tool is selected
from a group consisting of a ruler and a protractor.

22. (Currently Amended) A method for electronically displaying a test item to a respondent at a first workstation having a display device, the method comprising the steps of:

storing test content in a memory system, the test content including at least a question portion and a response portion;

capturing at least a portion of the test content in a test item image;

presenting the test item image to the respondent at the first workstation in a window using a predetermined number of pixels and a predetermined aspect ratio; and

overlaying a response control over the test item image, the test item image and response control together defining a test item;

wherein a substantially uniform amount of scrolling is required to view the test item, regardless of ~~wherein, to provide uniformity in display without regard to the parameters of the display device, no information is presented to the respondent in text format.~~

23. (Previously Presented) The method of claim 22 wherein all information provided to the respondent is provided in an image-based format.